Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Inland Fuels Corporation

3. ADDRESS OF OPERATOR: 2121 South Columbia, Tulsa, Oklahoma 74114

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: NE. NE. Sec. 11, T 20S, R 23E, S.L.M.
At proposed prod. zone: 750' from E-line and 320' from N-line

5. LEASE DESIGNATION AND SERIAL NO.: U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal

9. WELL NO.: Federal 11-1

10. FIELD AND POOL, OR WILDCAT: Wildcat ~~Cisco Springs~~

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: NE. NE. Sec. 11-20S-23E. S.L.M.

12. COUNTY OR PARISH: Grand

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 6 miles NE. of Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 320 ft.

16. NO. OF ACRES IN LEASE: 1840

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 820 ft.

19. PROPOSED DEPTH: 2500 ft. Entrada

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4780' grd; 4790' K.B.

22. APPROX. DATE WORK WILL START*: Sept. 30, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24.00#	150'	80 sks
7-7/8"	4½"	10.50#	Thru pay zones	cemented to 200' above Kd.

It is planned to drill a well at the above location to test the oil and/or gas production possibilities of the sands in the Dakota, Cedar Mt., and Morrison formations. The well will be drilled to a point which is near the top of the Entrada formation or to commercial production, whichever is at the lesser depth. The well will be drilled with rotary tools, using air for circulation. The surface casing will be set at about 150 ft. and cemented with returns to the surface. A blowout preventer with hydraulically operated blind and pipe rams will be installed on top of the surface casing, and a rotating head will be used on top of the blowout preventer. Fill and kill lines (2") will be connected below the blind rams. Any gas encountered will be flared at the end of the blewie line, and roughly checked for volume thru 2" line after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis for the well is attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED [signature] TITLE President DATE Aug. 27, 1979

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

PROGNOSIS FOR
INLAND FUELS CORP.
FEDERAL #11-1 WELL

Location: NE. NE. Section 11, T 20S, R 23E, S.L.M., Grand County, Utah (750' from E-line and 320' from N-line)

Elevations: 4780' grd; 4790' K.B.

Surface Casing: 150' of 8 5/8", 24.00#, K-55, R-3 casing set and cemented with 80 sks cement w/3% CaCl; with returns to surface. The surface hole (11") will be drilled to 150' K.B. and will be no more than 1° deviation.

Expected Formation Tops:

Formation	Depth to Top	Thickness	Datum
Mancos	Surface	1790'	4790' K.B.
Dakota *	1790'	100'	3000'
Cedar Mountain *	1890'	90'	2900'
Morrison (Brushy Basin) *	1980'	280'	2810'
(Salt Wash) *	2260'	250'	2530'
Curtis-Summerville	2510'	80'	2280'
Entrada	2590'	—	2200'
Total Depth	2650'		

* Formations with possible hydrocarbons in paying amounts.

1. It is planned to drill a 11" surface hole for the surface casing down to a depth of about 150 ft. and set 8 5/8 inch casing with approx. 80 sks of cement with returns to the surface. A casing head or flange will be mounted on top of the surface casing and a blowout preventer with blind and pipe rams (hydraulic) will be mounted on top of the blowout preventer. A blewie line, at least 125 ft. long, will then be attached to the rotating head and extended into the reserve pit. B.O.P. will be tested to 2000 lbs. before drilling below surface casing.

2. A 7 7/8 hole will then be drilled below the surface casing, using air for circulation. A flare will be maintained at 500' and below. This will insure that no gas will be missed. The air drill-

ing will also minimize the damage to the hydrocarbon reservoir. No toxic gases have ever been encountered in this area and none are expected.

3. Samples of the cuttings will begin at 1200'. 30-ft. samples will be taken from 1200' to 1700', and then 10-ft. samples will be taken from 1700' to total depth.

4. It is planned to drill the well to a depth which is approximately 100 feet below the top of the Entrada formation unless good commercial flow of gas is obtained above this depth.

5. If a high gas flow (several million cubic feet) and/or when the total depth of the well is reached, electric logs will be run. Prior to running logs, high viscosity mud (not less than 100 vis.) will be pumped into the hole to provide control of the gas and to provide a conductive medium for the logs. A dual-induction-laterolog will be run from bottom to the top of the hole, and a gamma-density and compensated neutron porosity log will be run from the bottom to a point which is 150' above the top of the Dakota formation.

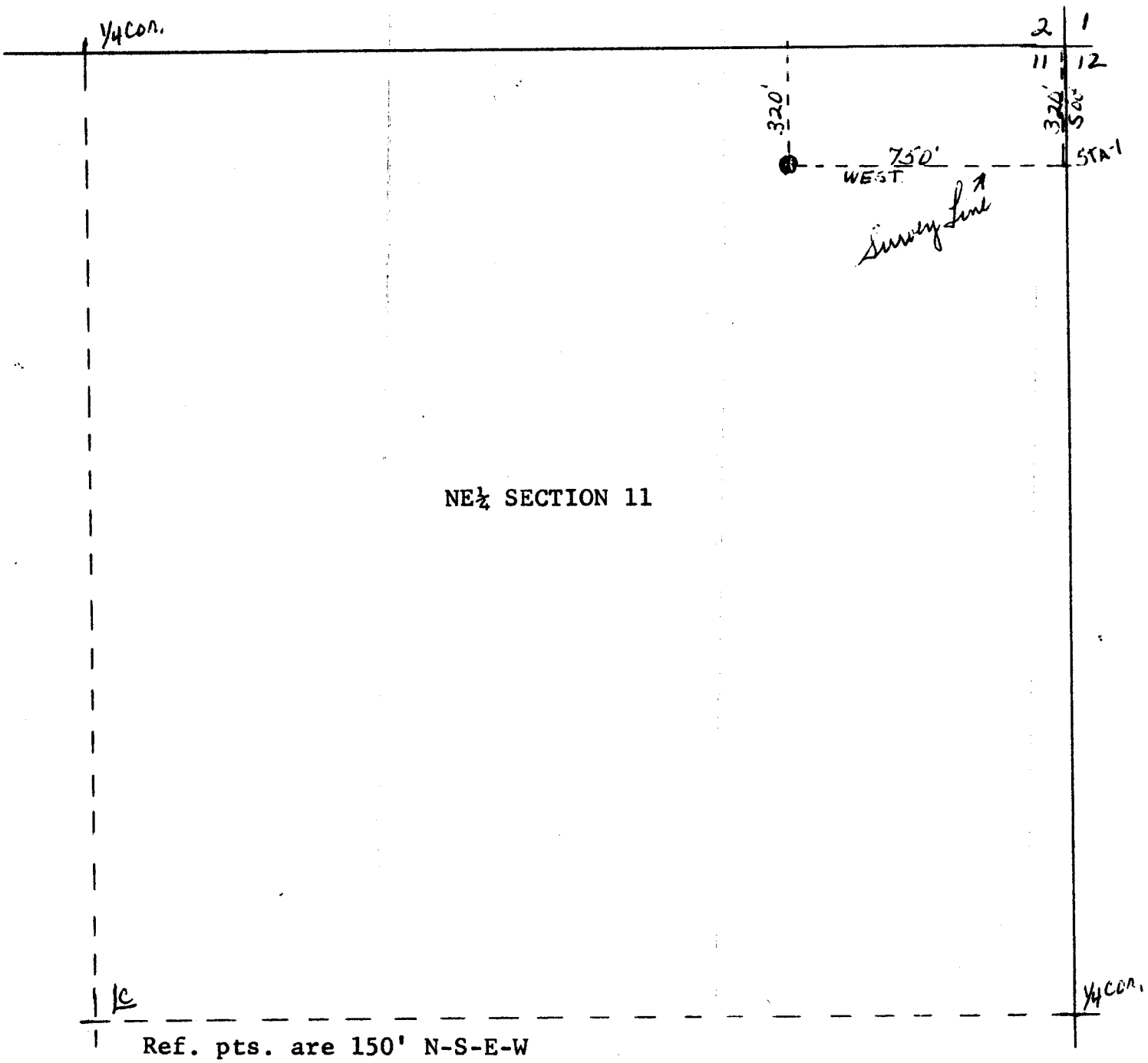
6. If good production (over 750 MCF) is obtained, 4½" O.D., 10.50#, K-55, R-3 new casing will be run and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will then be perforated, 2 3/8" O.D. tubing run, and completed conventionally.

7. It is anticipated that the drilling of the well will require less than one week.

W. Don Quigley

W. Don Quigley
Consulting Geologist
Suite 440
57 West South Temple
Salt Lake City, Utah 84101

LOCATION PLAT FOR
INLAND FUELS CORPORATION
FED. #11-1 WELL
NE. NE. SEC. 11-20S-23E.
(750' fr. E-line & 320' fr. N-line)
GRAND COUNTY, UTAH
ELEV: 4780' GRD.



Ref. pts. are 150' N-S-E-W

I, Sherman D. Gardner, do hereby certify that this plat was plotted from notes of a field survey made under my direct supervision, responsibility and checking on July 18, 1979.

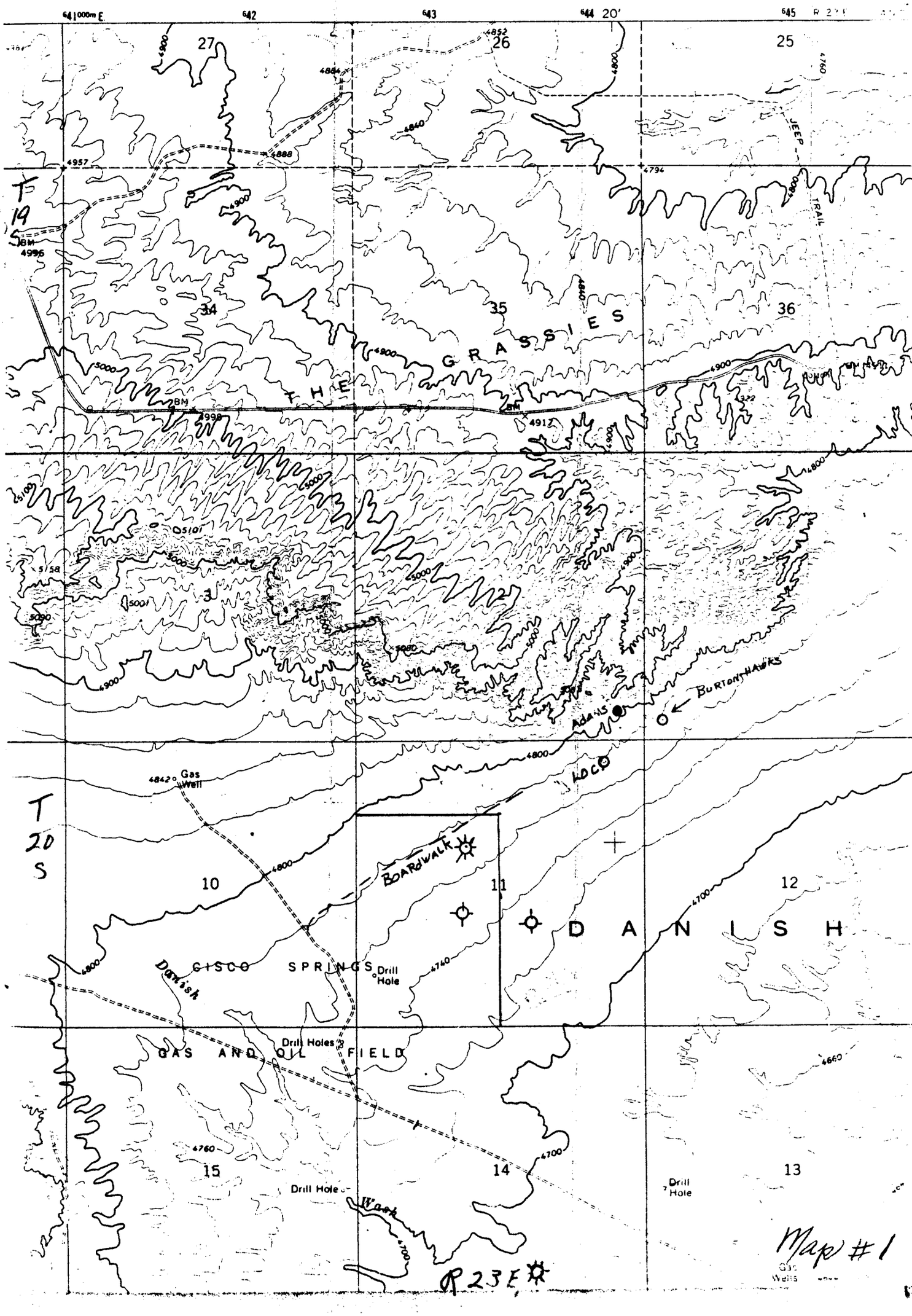
Sherman D. Gardner

Registered Land Surveyor
State of Utah #1556

Scale: 1 in. = 400'
Date: Aug. 27, 1979

Plat #1

UNITED STATES
ARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



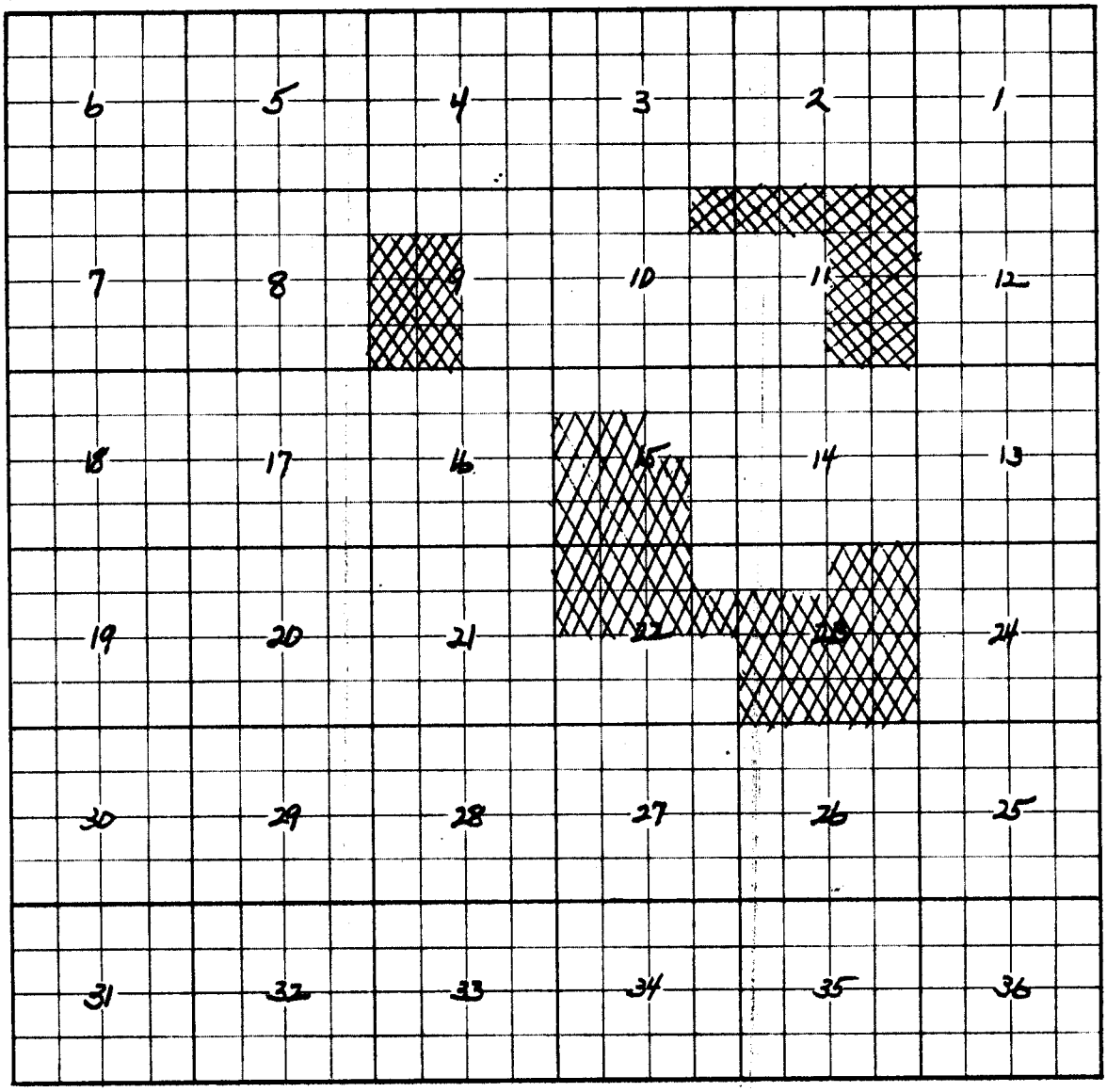
Map #1

894 ROSS-MARTIN CO. TULSA 1, OKLAHOMA TOWNSHIP T (SCALE 1 IN.—1 MI.)

TOWNSHIP 20S RANGE 23E COUNTY Grand County STATE Utah

REMARKS: Lease #U-42223

COMPANY Inland Fuels Corp.
2121 South Columbia
Tulsa, Oklahoma 74114



N T L - 6 P L A N R E P O R T

For

Well Name: Inland Fuels Corporation - Federal #11-1

Location: NE. NE. Sec. 11, T 20S, R 23E, S.L.M., Grand County, Utah

1. Existing Roads: (See attached Maps)

A. Well Location: (See Plat #1)

Reference Stakes: 150' N-S-E-W

Perimeter Stakes: As above. Stakes outline maximum perimeter of well pad.

B. Route and Distance to Well Site From Reference Point: (See att. maps) From the E. Cisco Exit on I-70, the site is 6½ miles along secondary and unimproved roads on Danish Flat.

C. Access Roads (Identify secondary roads to be used): (See att. maps) The Cisco Mesa road going NW. from the E. Cisco Exit is used for the first 4½ miles. At this point a road trending north is used for about ½ mile and then a road trending NE to the Adams well is used for 1½ miles.

D. Roads Within 3 mile Radius: (See att. maps) The main Danish Flat road is a county road, is partially gravelled, graded, crowned, and ditched. All the other roads around the well site are unimproved and are flat with no drainage provisions. The last 2 miles of road will have no improvement. It is on Mancos soil and topography and is on shale and silt in the low areas and on gravel across the benches.

Surface type and conditions:

E. Roads Within 1 mile Radius: (See att. maps) See 1-D Above. The roads within 1-mile of the site are mostly dozed trails (old seis trails) dozed across natural topography and soil. The road base is Mancos shale and soil with some gravel and conglomerate on the bench areas. They are normally about 14 ft. wide.

F. Plans for Road Improvement & Maintenance: In the event of production, the last two miles of road will be widened to a maximum disturbed width of 20', graded and crowned with ditches (18" deep) on each side.

F. The road across small washes will be ditched on both sides of the road and the road base will be cut to the bottom of the shallow washes. There are about 3 of these washes and the cuts will be short (20' or less) and 4' deep at the most.

2. Planned Access Roads: (See att. maps) No new road will be required.

(1) Width: Maximum disturbed width will be 20 ft.
(2) Maximum Grades: Less than 3%
(3) Turnouts: None needed
(4) Drainage Design: None needed
(5) Location and Size of Culverts, Cuts, and Fills: None needed
(6) Surfacing Material: The road is across Mancos shale and soil which is composed of gravel and silt. No other material will be used.
(7) Gates, Cattleguards, or Fence Cuts: None
(8) All new roads have been flagged as required.

3. Location of Existing Wells: (See Map No. 2)
(1) Water Wells: None
(2) Abandoned Wells: See Map #2
(3) Temporarily Abandoned Wells: None
(4) Disposal Wells: None
(5) Drilling Wells: None at present
(6) Producing Wells: Several - See Map #2
(7) Shut-in Wells: Three
(8) Injection Wells: None
(9) Monitoring or Observation Wells: None

4. Location of Existing and/or Proposed Facilities:

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

(1): Tank Batteries: (Size) None

(2) Production Facilities: None

(3) Oil gathering lines: None

(4) Gas gathering lines: None

(5) Injection lines: None

(6) Disposal lines: None

(7) Are lines buried? No

B. If new facilities are contemplated, in the event of production, show: (These facilities depend on the outcome of the proposed well and are really unknown at this time.) Show a general proposed plan. (See Plat No. 2)

(1) Are any facilities planned off well pad? None at this time. If the well is a successful gas well, a gas gathering line (3½") will have to be laid and connected to the main gas line; but this will be covered by a separate proposed plan, accompanied with maps, surveys, etc., at a later date.

(2) Give dimensions of facilities: See Plat #2

(3) Construction methods and materials: Location will be levelled for production equipment. Tank batteries will be placed on a 3-in. gravel pad and surrounded with an 18" dike (15' from tanks). Separators and heater-treaters will be placed on gravel pads or cement bases. Pump jacks will be on cement platforms or on raised dirt and gravel mounds. All pipe lines on the pad will be buried.

(4) Protective measures for livestock and wildlife: All open pits will be fenced with woven wire (sheep) fence (40") and pump jacks or rotating machinery will have guards to prevent danger by moving parts.

C. Plan for rehabilitation of disturbed areas no longer needed after drilling operations are completed: Well site will be cleaned, levelled, and graded for production equipment; pits folded-in or

C. fenced with woven wire if full of fluid before the rig is moved. While production ensues, previous areas of well pad not needed for production operations will be restored as in Item 10 below. Cleaning the site and pit work will be done within 30 days after the well is completed, if possible.

5. Location & Type of Water Supply: (See att. maps)

A. Type of Water Supply: Cisco Springs (natural flow) located in Section 9 of T 20S, R 23E. (See Map #3)

B. Method of Transporting Water: The water will be hauled from the spring to the well site by truck along the Cisco Mesa road. This will be approximately 5 miles from the spring to the well site.

C. Is Water Well Planned? No
If so, describe location, depth and formation:

6. Source of Construction Materials:

A. See attached map and describe: None will probably be required, since the well will be drilled during the good weather season.

B. Identify if Federal, Indian, or Fee Land:

C. Describe Material: (Where from and how used)

D. See item 1-C and 2 above.

7. Waste Disposal:

(1) Cuttings: The cuttings will be blown into the reserve pit, and the blewie line will be directed into the cut portion of the pit.
(2) Drilling Fluids: In mud tanks; excess put into reserve pit.
(3) Producing Fluids (oil or water) Oil in tanks; water in reserve pit.
(4) Human Waste: Toilet with pit (4' deep) with lime for odor and sanitation control. Will be covered with soil (3' deep) at end of operation.

prior to commencement of drilling

(5) Garbage & Other Waste: (Burn pit will be adequately fenced with chicken wire to prevent scattering of debris by wind) Into burn pit, (4'X6'X6' deep) and burned periodically. The burn pit will be approx. 125' from well head.

(6) Clean-up: (See item 10 below) All garbage and unburned debris will be buried by at least 3 ft. of cover after the drilling and completion operations are finished. The unused material and all equipment will be removed from the site and taken to supply yards or to the next drill site, as soon as the well is completed.

8. Airstrips and/or Camp Sites (Describe): None needed.

9. Well Site Layout: (See Plat No. 3)

(1) Describe cuts or fills: The location is on fairly level ground, which will be levelled to the sides after the top soil has been removed. The south side will have about 2 ft. of fill.

(2) Describe pits, living facilities, soil stockpiles: Reserve pit is long and narrow as shown, and will be placed on the north side. Excavated material will be piled at the north end of pit. Top soil, mostly graved (12" deep), will be piled at the west and east ends of the site. Two or three trailer houses will be provided for the supervisory personnel.

(3) Rig Orientation, Pipe rack, Access Road Entrance, etc.: (See Plat #3)

(4) Are Pits Lined? Unlined with 4-ft. banks.

10. Plans For Restoration:

A. If Well is completed: Site will be cleaned, debris removed, pits folded-in or fenced with woven wire if full of fluid, and site levelled for production equipment. All unused portions will be contoured, graded, scarred, and seeded with wheat grass, or acceptable seed mix authorized by BLM.

B. If Well is abandoned:

(1) Clean-up, levelling, folding pits-in, contouring: These items will be done as soon as possible. Clean-up will be accomplished at

B. (1) time rig is removed. The rest of the work should be done within 10 to 60 days after well is completed.

(2) Seeding location and access road: Site will be seeded with crested wheat grass, or with a seed mix suggested by BLM by hand broadcasting and then scarred with a dozer or spike-toothed drag. The access road, if no longer needed, will be erased, contoured, seeded, and scarred as above. Water bars will be placed where needed.

(3) Will pits be fenced or covered? If there is a large amount of fluid in the reserve pit, it will be fenced with woven wire before rig is released & remain fenced until the fluid drys up & the pit is reclaimed.

(4) Is there any oil in reserve pit? _____

If so, describe disposal: Should not be any great amount. If there is a large amount, it will be removed prior to covering pit.

(5) When will restoration work be done? As soon as possible. Within 60 days after equipment is removed if weather and availability of clean-up equipment permit and will be completed within 10 days thereafter.

11. Description of Land Surface:

(1) Topography & Surface Vegetation: Location is on fairly flat ground with a gentle slope to the south. It is on typical Mancos soil and gravel. Sparse sage brush, shad scale, grass and tumble weed are present.

(2) Other Surface Activities & Ownership: The land around the drill site is federal land with minerals and surface owned by the public. Inland Fuels Corp. has an Oil & Gas lease on the E½ of Sec. 11; Sec. 2 to the N. is State land. The area does have some grazing by sheep. There are no powerlines, powersites, irrigation ditches or cultivation in (cont. pg. 7)

(3) Describe other dwellings, archaeological, historical, or cultural sites: There are no known buildings, archaeological, historical or cultural sites in the area. Other oil and gas well drilling and production are present in the general area.

12. Operators Representative: (Address & Phone number)

W. Don Quigley, Suite 440, 57 W. So. Temple, Salt Lake City, Utah 84101
801-359-3575

13. Certification:

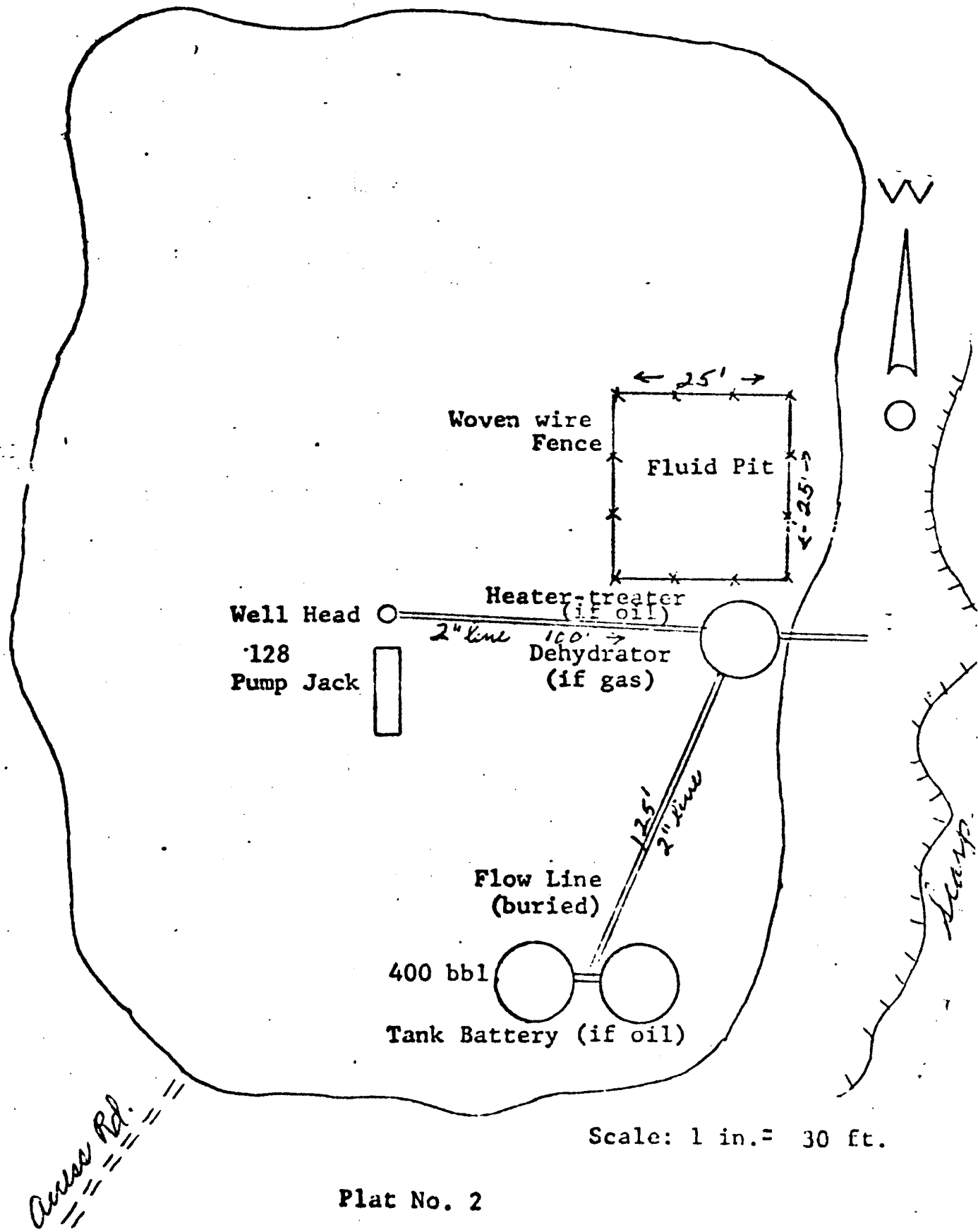
I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access route; that I am familiar with the conditions which presently exist; that statements made in this plan are, to the best of my knowledge, true and correct; and that work associated with the operations proposed herein will be performed by Inland Fuels Corporation and its contractors in conformity with this plan and terms and conditions under which it is approved.

Date: July 3, 1979 Name: W. Don Quigley

Title: Geological Consultant

11. (2): the area. Another oil well is located 800' away.

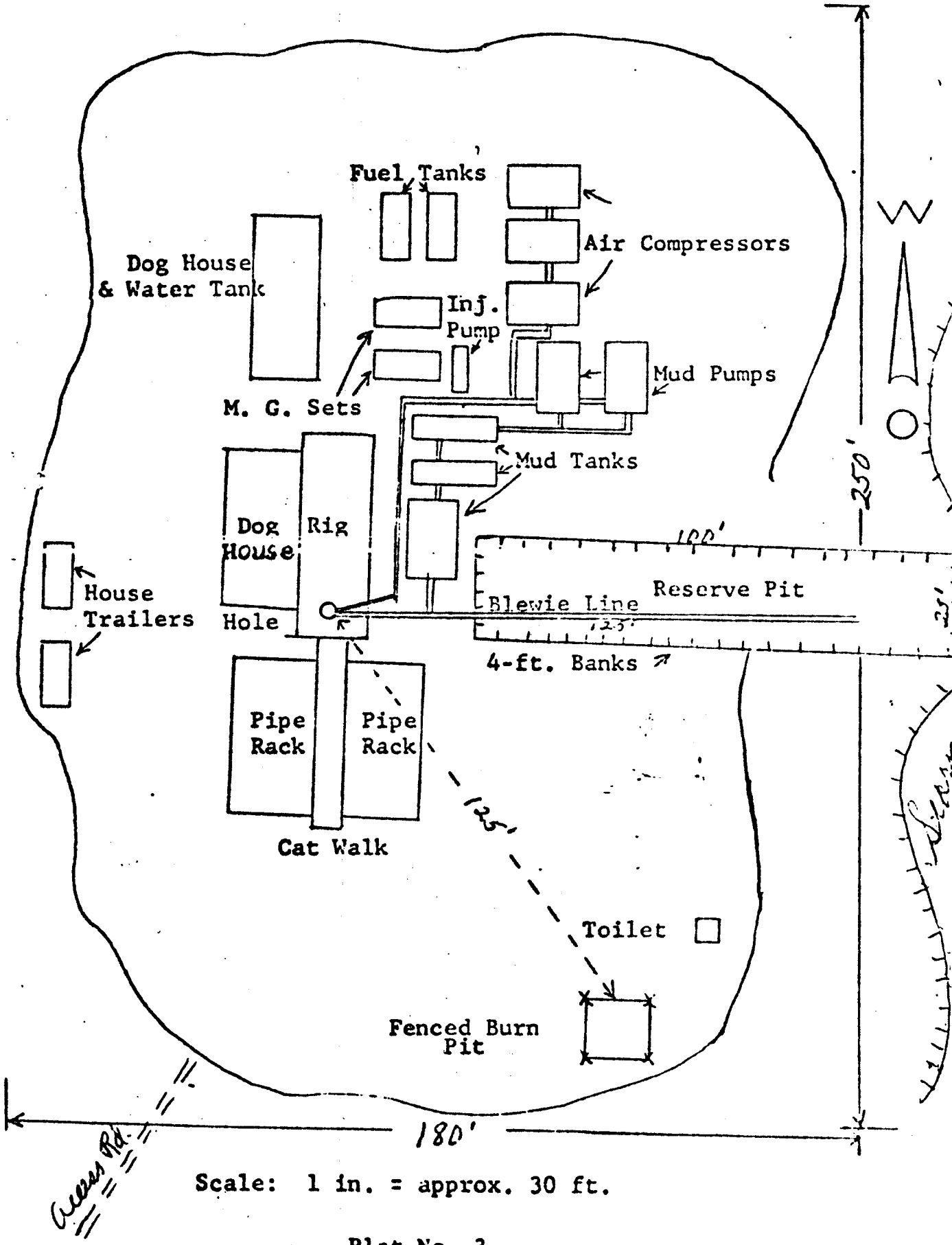
PLAN FOR PRODUCTION EQUIPMENT
INLAND FUELS CORP.
FEDERAL #11-1 WELL
N.E. NE. SEC. 11-20S-23E.



Scale: 1 in.= 30 ft.

Plat No. 2

LOCATION PLAN FOR
INLAND FUELS CORP.
FEDERAL #11-1 WELL
NE. NE. SEC. 11-20S-23E.



Scale: 1 in. = approx. 30 ft.

Plat No. 3

WELL CONTROL EQUIPMENT FOR
INLAND FUELS CORP.
FEDERAL #11-1 WELL
NE. NE, SEC. 11-20S-23E.
GRAND COUNTY, UTAH

The following control equipment is planned for the above designated well: (See attached diagram)

1. Surface Casing:
   A. Hole size for surface casing is 11".
   B. Setting depth for surface casing is approx. 200 ft.
   C. Casing specs. are: 8 5/8" O.D., K-55, 24.00#, 8 rd. thread, R-3 new or used.
   D. Anticipated pressure at setting depth is approx. 20 lbs.
   E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 75 sks of cement with returns to the surface.
   F. Top of the casing will be near ground level.

2. Casing Head:
   Flange size: 10", A.P.I. Pressure rating: 2000# W.P., Series 600; Cameron, OCT, or equivalent; new or used; equipped w/two 2" ports with nipples and 2", 2000# W.P. ball or plug valves. Casing head and valves set above ground level. (A flange only may be used on top of the casing, if the B.O.P. is equipped with 2" outlets below the blind rams.)

3. Intermediate Casing:
   None

4. Blowout Preventors:
   A. Double rams; hydraulic; one set of blind rams; one set of rams for 3½" or 4" drill pipe; 10" flange; 2000# or greater W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down, and pressure tested for leaks up to 2000# p.s.i. A hydraulically operated hy-drill may be used in place of the above B.O.P., if equipped with 2" outlets below the rams. B.O.P. will be tested for leaks at 2000# p.s.i. prior to drilling below surface casing.
   B. Rotating Head: Shaffer, Grants or equivalent; set on top of blowout preventor and bolted securely; complete with kelly drive, pressure lubricator; 3½" or 4" rubber for

2000# W.P.; need not have hydril assembly on bottom, if a separate hydril or B.O.P. is used.

C. Fill and Kill Lines: The fill and kill lines (2" tubing or heavy duty line pipe) are to be connected thru the 2" valves on the casing head and thru a manifold to permit ready switching from the fill to kill lines.

5. Auxillary Equipment:

A float valve is to be used in the bottom drill collar at all times. A safety valve that can be used in the drill pipe will be kept within easy reach on the rig floor at all times.

6. Anticipated Pressures:

The shut-in pressures of the Dakota, Cedar Mountain, and Morrison formations at depths of 2000' to 3000' in the area have been measured at about 500# to 800# maximum. No toxic gases have ever been encountered in the area and none are anticipated.

7. Drilling Fluids:

Air will be used to drill the subject well until water is encountered, then air-soap-water mist will be used to drill the well deeper. In case of excessive caving problems, it may be necessary to convert to mud.

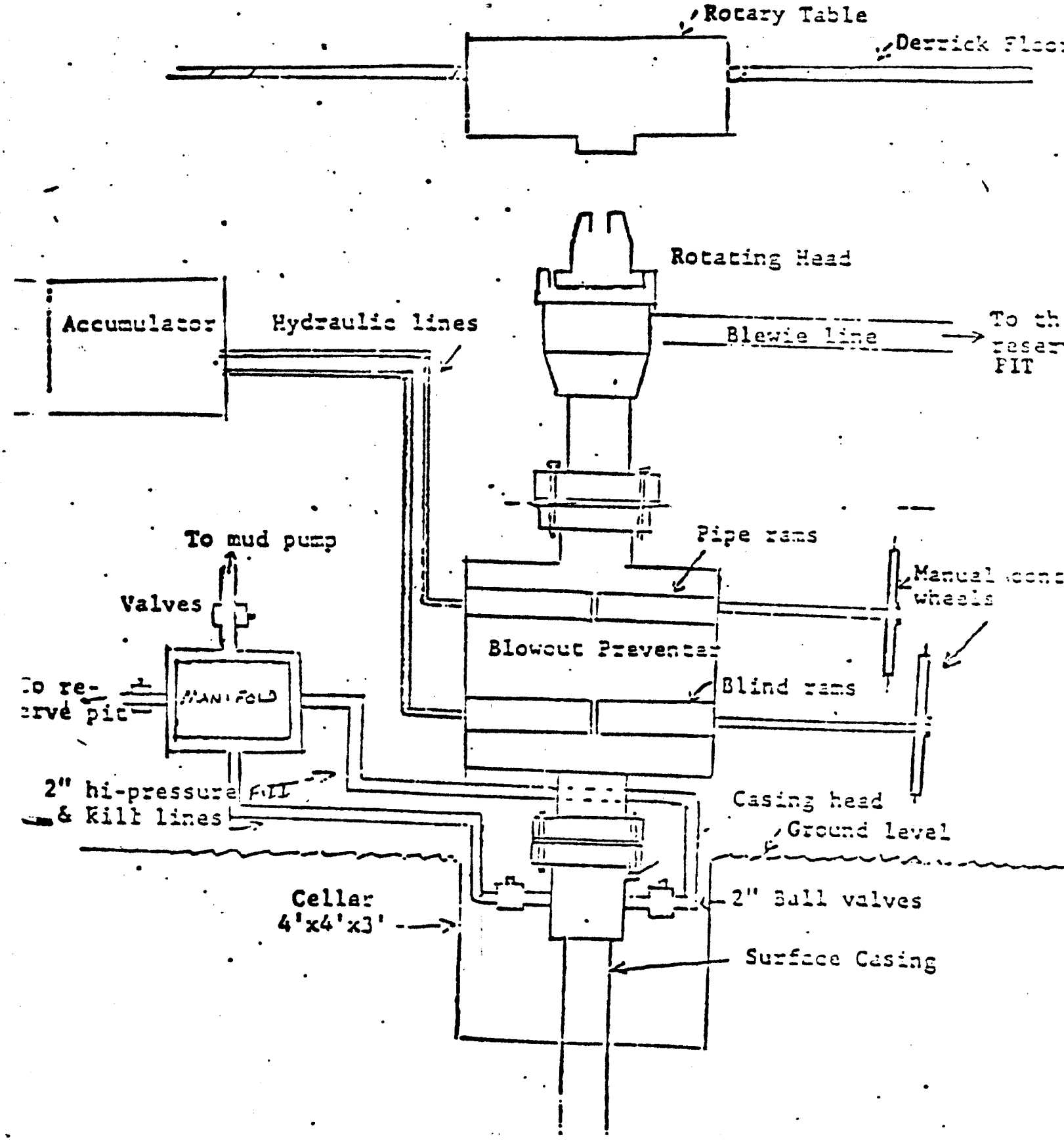
8. Production Casing:

A. Hole size for production casing will be 6½".
B. Approx. setting depth will be about 3500'.
C. Casing Specs. are: 4½" O.D.; K-55; 10.50#; 8-rd thread; R-3, new.
D. If good production is obtained, the casing will be run with a guide shoe at the bottom and about six centralizers and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will be perforated, 2 3/8" O.D. tubing will be run, and the well completed conventionally. In the event the production is small, it may be desirable to minimize the damage to the formation by keeping all mud and cement off the formation. In this case the procedure outlined below will be used.
E. Casing will be run with about six centralizers and a cement basket with DV tool set above the production zone.

There will be sufficient casing to extend thru the production zone below the basket with a blind guide shoe on the bottom. The casing will be cemented above the packer with about 85 sks of cement (sufficient to cement thru the Dakota formation). The cement will be allowed to cure at least 48 hrs. The plug can then be drilled out and the casing perforated below the DV tool. Two inch tubing will be run and secured in the tubing head prior to perforating.

SCHEMATIC DIAGRAM
CONTROL EQUIPMENT FOR THE

INLAND FUELS CORP.
FEDERAL #11-1 WELL
NE. NE. SEC. 11-20S-23E.



: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

T: APD MINERAL EVALUATION REPORT. LEASE NO. U-42223

OR: INLAND FUELS CORPORATION WELL NO. FEDERAL 11-1

ON: NW¼ NE¼ NE¼ sec. 11, T. 20 S, R. 23 E., S.L.M.

GRAND County, UTAH

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atigraphy: OPERATOR-ESTIMATED TOPS ARE REASONABLE:

FORMATION	DEPTH TO TOP	DATUM
MANCOS	SURFACE	+4780 GROUND
DAKOTA	1740'	+3000
CEDAR MTN.	1890'	+2900
MORRISON		
BRUSHY BASIN	1980'	+2810
SALT WASH	2260'	+2530
CURTIS-SUMMERVILLE	2510'	+2290
ENTRADA	2590'	+2200

sh Water:

POSSIBLE IN SAND LENSES IN MANCOS, AND IN FERRON SS. MEMBER IN MANCOS, ACCORDING TO WATER RES. DIVISION REPORT.

sable Minerals:

1. HYDROCARBONS POSSIBLE IN DAKOTA, CEDAR MTN., BRUSHY BASIN & SALT WASH;
2. IN PROSPECTIVELY VALUABLE COAL AREA, BUT COMMERCIAL AMTS. NOT EXPECTED

itional Logs Needed: NONE - PROPOSED SUITE IS SUFFICIENT

ntial Geologic Hazards: NONE KNOWN

erences and Remarks:

USGS BULLETIN 852 USGS ~~MF~~ I-736

OLDER APD's

PI CARDS

ure: J. Quan Gilbreath Date: 9-25-79

Oil and Gas Drilling EA No. 558-79

United States Department of the Interior
Geological Survey
2000 Administration Building
Salt Lake City, Utah 84104

Usual Environmental Analysis

Lease No. U-42223

Operator Inland Fuels Corporation **Well No.** 11-1

Location 750' FEL & 320' FNL NENE **Sec.** 11 **T.** 20S. **R.** 23E.

County Grand **State** Utah **Field** Cisco Springs

Status: **Surface Ownership** Public **Minerals** Federal

Joint Field Inspection Date October 15, 1979

Participants and Organizations:

George Diwachak	USGS-Salt Lake City
Glenn Doyle	USGS-Grand Junction
Elmer Duncan	BLM, Moab
W. Don Quigley	Inland Fuels Corp.
Leonard Lewis	Mike's Water & Dozer Service

Related Environmental Analyses and References:

(1) Unit Resource Analysis, Book Mountain Planning Unit, BLM, Moab, Utah

(2) EA No. 591-79

Analysis Prepared by: George Diwachak
Environmental Scientist
Date October 19, 1979 Salt Lake City, Utah

Noted - G. Diwac

Proposed Action:

On August 29, 1979, Inland Fuels Corporation filed an Application for Permit to Drill the No. 11-1 development well, a 2500 foot oil test of the Morrison Formation; located at an elevation of 4780 ft. in the NE¼ NE¼, Section 11, T. 20S., R. 23E. on Federal mineral lands and public surface; lease No. U-42223. There was no objection raised to the wellsite however, the operator requested the location be rotated 180°. There was no objection raised to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BLM, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 180 ft. wide x 250 ft. long and a reserve pit 25 ft x 100 ft. partially contained in the pad. No new access road would be constructed; however an existing road would be upgraded to 14 ft. wide (20 ft. maximum disturbance) by 2 miles long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad.

The anticipated starting date is upon Approval and duration of drilling activities would be about 7 days.

Location and Natural Setting:

The proposed drill site is approximately 6 miles Northeast of Cisco, Utah, the nearest ghost town. A poor road runs to the location. This well is in the Cisco Springs field.

Topography:

The proposed test site is situated in a flat to gently undulating plain of the Cisco Desert. A highly eroded mesa exists about 500 ft. North of the location.

Geology:

The surface geology is the Mancos Formation.

The soil is sandy clay.

No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The well would be drilled with air as a circulating medium. The blooie line should be at least 125 ft. long and should be misted for dust supression.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 1.1 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 5 to 10" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 7".

Winds are medium and gusty, occuring predominately from Southwest to Northeast. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage from the location area would be toward Danish Wash, a non-perennial tributary of the Colorado River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants on the proposed location consist of shadscale horsebrush, sagebrush, grasses and cacti.

Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 1.1 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominantly of a few antelope and mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would not be necessary as the entire area of Sec. 11, T. 20S., R. 23E., has been cleared for archaeology. If however, a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the immediate area but would not present a major intrusion.

The economic effect on one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Grand County.

But should this well discover a significant new hydrocarbon source, local, state, and possible national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

(1) Not approving the proposed permit-The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Mitigative Measures and Stipulations:

1. The drill pad would be rotated 180° to conform to local wind patterns (operator's request).

2. A map of the water supply source and haul route would be submitted to the BLM.

3. The reserve pit would be fenced on 3 sides during drilling, and on 4 sides after the rig moves out if any fluids are present.

4. Nine to twelve inches of topsoil would be stripped off the surface and windrowed along the South edge of the location.

5. Upon completion of the well, the areas no longer needed for production would be reshaped to original contours, and not levelled, as reported in the APD. If the well would be non-productive, the entire disturbed area would be reshaped to contours.

6. All unused portions of the location would be reseeded per BLM recommendations by ripping, drilling and then dragging the area with a dozer or spike-toothed drag.

7. The blooie line should be misted with water to supress dust.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 1.1 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable

committment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to Danish Wash would exist through leaks and spills.

Determination:

This requested action ~~does~~/does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

10/29/79
Date

District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

** FILE NOTATIONS **

DATE: Sept 4, 1979

Operator: Inland Fuels Corporation

Well No: Federal # 11-1

Location: Sec. 11 T. 20S R. 23E County: Grand

File Prepared: [ ] Entered on N.I.D.: [✓]

Card Indexed: [ ] Completion Sheet: [✓]

[✓] API Number 43-019-30555

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: OK - [redacted] 2

APPROVAL LETTER:

Bond Required: [ ] Survey Plat Required: [ ]

Order No. 102-16 8/22/79 O.K. Rule C-3 [ ]

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site [ ]

#3 plus condition

Lease Designation [Fed] Plotted on Map [✓]

Approval Letter Written [✓]

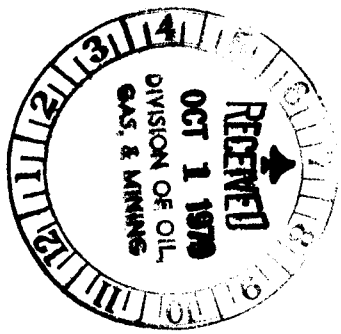
PI NL

If requested by the board to plug & abandon because its too close to a gas well (Burton/Hawks) they will do so

gas

utm

Inland Fuels Corp



September 27, 1979

Utah Oil, Gas and Mining Commission
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Mr. Jack Fite

RE: Drilling Application 11-1
Section 11-20S-23E
Grand County, Utah

Gentlemen:

We have on file with your office an application to drill styled as above. The purpose of this well is to produce oil. If only commercial quantities of gas is encountered, we hereby agree to plug and abandon said well unless otherwise ordered by the Utah Oil, Gas and Mining Commission.

It is our intention to commence drilling operations immediately after approval of the drilling applications.

Yours very truly,

INLAND FUELS CORP.

O. F. Duffield, President

OFD:sjw

2121 So. Columbia Tulsa, Oklahoma 74114 918-743-3423

October 3, 1979

Inland Fuels Corporation
2121 South Columbia
Tulsa, Oklahoma 74114

Re: Well No. Federal #11-1
Sec. 11, T. 20S, R. 23E.,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 102-16 dated August 22, 1979. However, approval is contingent upon the fact that if the Board of Oil, Gas and Mining requests that this well be plugged and abandoned because of being too close to a gas well, that Inland Fuels Corporation will comply.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify one of the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

FRANK M. HAMNER
Chief Petroleum Engineer
Office: 533-5771
Home: 531-7827

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30555.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/btm

cc: USGS

STATE OF UTAH)
:
COUNTY OF SALT LAKE)

I, O.F. Duffield, being first duly sworn states that I know of my own knowledge that a well drilled by Four "D" Oil Company, located in the NW NW NW of Section 12, Township 20 South, Range 23 East, Grand County, Utah, was plugged and abandoned. Further, a well drilled by Burton/Hawks, Incorporated, located in the SW SW SW Section 1, Township 20 South, Range 23 East, Grand County, Utah was also plugged and abandoned. Further affidavit saith not.

IN WITNESS WHEREOF I have hereunto set my hand this 15 Th day of November, 1979.

O.F. Duffield

Signed in my presence this 15th day of November, 1979.

NOTARY PUBLIC

My Commission expires:
April 26, 1981

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

November 21, 1979

Inland Fuels
2121 S. Columbia
Tusla, OK. 74114

Gentlemen:

Attached is a copy of the final order in Cause No. 102-16B.

You will note that this order requires a copy of the property or lease line to be filed with the Application for Permit to Drill. If this only covers the pertinent section, so state.

No new Applications for Permit to Drill will be granted unless all required forms on existing wells are up to date. Also, some operators have not been submitting their 2 mill conservation levy as authorized under Section 40-6-14, Utah Code Annotated, 1953, as amended. The required sales report, Form 5, may be obtained upon request from this office.

Sincerely,

DIVISION OF OIL, GAS AND MINING

cleon B Feight

Cleon B. Feight
Director

/btm

cc Well Files

State ✓

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal

9. WELL NO.: Federal #11-1

10. FIELD AND POOL, OR WILDCAT: Cisco Springs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NE.NE. Sec. 11-20S-23E. S.L.M.

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Inland Fuels Corporation

3. ADDRESS OF OPERATOR: 2121 South Columbia, Tulsa, Okla. 74114

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: NE. NE. Sec. 11, T 20S, R 23E, S.L.M.
At top prod. interval reported below: 750' fr. E-line and 320' fr. N-line
At total depth:

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: Grand | 13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
Nov.10,79	Nov.14,1979	December 12, 1979	4780' grd; 4790' KB	4781'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
2634'	2470'		→	0-2634'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 1932' to 1944' - Cedar Mountain

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction Laterolog and Gamma-Density-CNL

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.00#	173' K.B.	12¼"	175 sks	No
4½"	10.50#	2470'	7 7/8"	185 sks	No

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
	None			

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8" OD		None

31. PERFORATION RECORD (*Interval, size and number*): 1932' - 1942' (1 sh/ft.)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
Dec. 12, 1979	Flowing	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Dec. 12,79	7½ hrs.	1/8"		None	65	None	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
166#	166#		None	65	None	

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented

TEST WITNESSED BY: Harry Gleason

35. LIST OF ATTACHMENTS: Drilling History, Completion History, Geologic Report

RECEIVED
JAN 31 1980

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED W Norm Ginsberg TITLE Consultant DATE Jan. 28, 1980

(See Instructions and Spaces for Additional Data on Reverse Side)

DIVISION OF OIL, GAS & MINING

DRILLING HISTORY,

COMPLETION HISTORY,

AND

GEOLOGIC REPORT

ON

INLAND FUELS CORPORATION

FEDERAL #11-1 WELL

By

W. Don Quigley
Consultant
Salt Lake City, Utah

January 21, 1980

DRILLING HISTORY,
COMPLETION HISTORY,
AND
GEOLOGIC REPORT
INLAND FUELS CORPORATION
FEDERAL #11-1 WELL

Operator: Inland Fuels Corporation
2121 South Columbia St., Tulsa, Oklahoma 74114

Contractor: Veco Drilling, Inc.
2457 Industrial Blvd., Grand Junction, Colo. 81501

Location: NE. NE. Sec. 11, T 20S, R 23E, S.L.M., Grand County, Utah (750' fr. E-line and 320' fr. N-line)

Elevations: 4780' grd; 4790' K.B.

Spudded-in: Nov. 10, 1979

Surface Casing: 4 jts. of 8 5/8", 24.00#, K-55, R-3 casing, landed at 173' K.B. and cemented w/125 sks reg. cement w/3% CaCl. Returns to surface.

Total Depth: 2634'

Finished Drlg.: Nov. 14, 1979

Production Casing: 82 jts. of 4½", 10.50#, K-55, R-3 casing, landed at 2470' and cemented w/185 sks of RFC cement.

Producing zone: 1932' to 1944' (Cedar Mountain)

Perforations: 1932' to 1942' (1 sh/ft.)

Completion Date: Dec. 12, 1979

Initial Production Rate: 65 MCFG/D on 1/8" choke w/166# flowing pressure.

Drilling History

Nov. 9: Moving in Veco Drilling, Inc. Rig #2 and rigging up.

Nov. 10: Finished rigging up. Drilled rat hole. Dug cellar. Worked on rotating head. Drilled 12¼" surface hole to 177' K.B. Ran 4 jts of 8 5/8", 24.00#, K-55, R-3 casing and landed at 173' K.B. Cemented casing with 125 sks reg. cement w/3% CaCl.

Nov. 11: Cement plug down at 12:45 A.M. Had good returns to the surface. Waited on cement to cure for 4 hours. Nipped-up to drill ahead with air. Drilled mouse hole. Drilled out cement and dried up casing. Drilled to 180' and tested B.O.P. and casing to 1500#. No leaks. Drilled ahead with 7 7/8" bit and air for circulation. Survey at 254' was 3/4°. Drilled 177' to 320' (143').

Nov. 12: Drilled 320' to 1225' (905'). Survey at 601' was ½°. Survey at 1099' was 2°. Drilling at rate of 50 to 60' per hour and dusting.

Nov. 13: Drilled 1225' to 2570' (1345'). Survey at 1598' was 2¼°. Hole got wet at 1800' and had to convert to air-mist drilling. Est. top of Dakota formation at 1770'. Had some good oil stain, odor, and fluorescence in Mancos section from 1660' to 1710'. (No free oil or gas.) Had small flare of gas on connections in Dakota at 1790' to 1810' but had water with the gas. Est. top of Cedar Mountain at 1870' due to light green shale at this point. Had a small gas flare at 1944'. A conglomeratic, cherty, sandstone at this pt. had scattered fluorescence and poor porosity. (This is probably the Buckhorn sand and the same productive zone as the Adams well to the north.) Est. top of Morrison at 1960', due to first red shale and siltstone. Encountered a good sand in the Brushy Basin at 2200' to 2240' with blk. residual oil specks and scattered fluorescence. Had a possible bigger flare of gas on connections. Est. top of Salt Wash section around 2250' and had more sand at 2250' to 2270' with pin point fluorescence. Had lots more sand lenses in Salt Wash section. One sand at 2310' to 2330' had some scattered fluorescence, but the other sands had no shows and looked

wet. Estimate top of Curtis-Summerville section at 2530' due to brown limestone. Top of Entrada is at 2570'.

Nov. 14: Drilled 2570' to 2634' (64'). Drilled hole to 2634' which was 64' below the top of the Entrada formation, and had no shows in the Entrada; so decided to mud-up and condition hole for logging. Mixed mud until viscosity was 125. Pulled 15 stds and mudded-up. Went back to bottom and circulated hole for 3 hours and then pulled 35 stands to wait on loggers. Waited for four hours. Went back in hole to bottom and circulated for one hour and came out to log hole. Ran Dual Induction Laterolog and Gamma-Density-CNL logs (Schlumberger). Finished logging at 11 P.M.

Nov. 15: Waited on orders for 17 hours. Logs were not very conclusive and showed only very marginal zones, so it was difficult to decide whether or not to run casing and complete the well. Finally it was decided to run casing, realizing that the well might be quite marginal. Laid down drill collars and went in hole with drill pipe to bottom. Installed a cement plug at the bottom of hole from 2630' to 2500' (40 sks of cement). Came out of hole laying down drill pipe.

Nov. 16: Finished laying down drill pipe. Ran 82 jts. of 4½", 10.50#, K-55, R-3 casing with float shoe on bottom and six centralizers. Landed casing at 2470' and cemented with 185 sks of RFC cement. Plug down at 7 A.M. Waited on cement to set. Set casing on slips and began rigging down.

W. Don Quigley
Consultant

GLEASON ENGINEERING
Registered Professional Engineer

HART C. GLEASON, P.E.
3233 Lakeside Drive, #101
Grand Junction, Colorado 81501

Telephone (303) 242-8271

COMPLETION WORK

ON

Inland Fuels Federal 11-1

NE/4 NE/4 Sec. 11, T20S, R21E

Grand County, Utah

Elevation 4780'GL; 4790'K.B.

Chronological History

Hart C. Gleason, P.E.

Inland Fuels Federal 11-1

12-5-79 Wednesday	Moved rig (Colorado Well Service Rig 8) to location Arrived at noon. No deadmen placed. Sent crew home at 3:00 P.M.
12-6-79 Thursday	Crew arrived at 0800. Placed deadmen. Rigged up. Dug small pit. Picked up tubing and went in hole. Tagged bottom at 2470' K.B. Ran 81 joints of tubing (3 joints out). (84 joints on location). Came out of hole with tubing.
1600 hrs to 1730 hrs	Ran Gamma-Bond log (Go Wireline Service). Good bond on casing and formation. Cement top at 1550'.
1800 hrs	Sent crew home.
12-7-79 Friday	
0800 hrs	Crew arrived.
0800 hrs to 1000 hrs	Perforated zones 2363-2383' and 2320-2338' with one shot per foot.
1000 hrs to 1100 hrs	Went in hole with tubing to 2280' (3 stands out).
1100 hrs	Rigged up to swab and waited on tank and pump.
1300 hrs to 1700 hrs	Swabbing. Recovered mud and no gas. Swabbed down to near bottom. Last runs pulled about 150' fluid each time.
1700 hrs	Shut well in for the night and sent crew home.
12-8-79 Saturday	
0800	Crew arrived. No pressure on tubing or casing.
0830 hrs to 0930 hrs	Ran swab. Fluid level at 500' from bottom. Swabbed down to about 100 feet of nearly fresh water per run.
0930 hrs to 1030 hrs	Jacked up tank to flood suction end of tank to pump mud back in hole.
1030 hrs	Pumped mud back in hole.
1700 hrs	Sent crew home.

12-10-79
Monday

0700 hrs to 0900 hrs — POH with 2 3/8" tubing. GO Wireline on location at 0800 hrs.

0900 hrs to 1000 hrs — GO started in hole with 4½" wire line Thriftee bridge plug. Found fluid level at 380'. Checked 6 casing collars. Set bridge plug at 2300' K.B. Checked setting depth O K with weight indicator.

1000 hrs — GO rigged up lubricator. Ran in hole with 3 3/8" O.D. casing gun loaded with 14 DML 14 gram jet shots over 14' interval. Checked 6 casing collars and tagged bridge plug at 2300'. Perforated 2252-2266' K.B. with one shot/foot as defined. Inspection of recovered gun indicated all shots fired.

GO ran back in hole with a 3 3/8" O.D. tandem fire casing gun loaded with DML 14 gram jet charges as follows:

1. Lower 6' section with 2 shots/foot
2. Upper 10' section with 1 shot/foot

Checked 5 casing collars and fired bottom section to perforate from 2218 to 2224' with 2 shots/foot.

Pulled up. Checked 4 additional casing collars. Fired upper section and perforated 1932-1942' with 1 shot/foot. Inspection of recovered gun indicated all shots fired. Rigged down GO.

1330 hrs. — Picked up Guiberson Unipacker 6. Installed a 1 25/32" I.D. seating nipple directly above packer. Ran 36 double stands of tubing. Set packer at 2201' K.B.

1430 hrs — Swabbing through tubing below packer to test perforations from 2252-2266' and perforations from 2218-2224'. Swabbed down to seating nipple (at 2195' K.B.) in 4 pulls. Last pull only recovered 5 gals. muddy water.

1630 hrs to 1700 hrs — Waited one hour. Found 800' fill up. Recovered essentially fresh water. Pulled swab twice.

12-11-79
Tuesday

0800 hrs — Unseated Guiberson Unipacker 6. P.O.H. with packer and tubing.

0900 hrs — Rigged up GO with lubricator. Ran in hole with wireline Thriftee bridge plug. Checked fluid level at 300'.

12-11-79 (Tues. cont'd)

Checked 6 casing collars and set bridge plug at 1965' (23' below the 1932-1941' perforations).

1000 hrs Ran 63 joints tubing back in hole with 1 25/32" I.D. seating nipple on bottom; bottom of tubing set at 1920' K.B. Laid down 21 singles to get tubing out of derrick.

1200 hrs Rigged up to swab through tubing. Pulled swab 7 times. Initial fluid level 300'; swabbed down to seating nipple at 1925'. Recovered muddy water.

1300 hrs Shut down for build up. Had 120 psig on the casing after one hour. Pulled swab three times. Recovered about 3/4 bbl. muddy water.

1445 hrs Found 240 psig on casing. Pulled swab from bottom 3 times and well kicked off flowing combustible gas. Flowing well to burn pit.

1720 hrs Flowed well to pit until shut in at 1720 hours.

12-12-79 Wednesday 0700 hrs Found 670 psig on tubing and 320 psig on the casing. Blew well down; unloaded about 2 bbls muddy water.

0730 hrs Flowing well to pit; casing pressure decreased to about 20 psig.

0930 hrs Flow tested well on two different orifices. See following tabulation:

12-12-79 (Wed. cont'd)

Using ¼" orifice

Time	Tester Pressure (psig)	Casing Pressure (psig)	MCFD
09:45	46-50	50	
09:50	40-44	45	
09:55	37-42	30	
10:00	36-40	30	
10:05	34-40	30	
10:10	34-40	30	Stabilized
10:15	34-40	30	
10:30	34-40	30	
10:45	34-40	30	
11:00	34-40	30	
11:15	34-40	30	
11:30	34-40	30	
11:45	34-40	30	70.3 MCFD

Changed orifice to 1/8"

11:50	42-50	30	
12:00	68-74	73	
12:10	89-95	90	
12:15	98-105	100	
12:25	115	110	
12:35	117	120	
12:45	130	120	
12:55	140	135	
13:05	145	145	
13:15	150	150	
13:30	155	155	
13:45	160	160	
14:25	165	165	
14:45	166	166	Stabilized (62.2)
15:15	166	166	
15:45	166	166	
16:15	166	166	
16:45	166	166	
17:15	166	166	

12-13-79
Thursday
0700 hrs
to
0830 hrs

Found 670 psig on both tubing and casing after overnight shut-in. Rigged down. Moved rig, pump, and flat tank to Inland Fuels Federal 23-2.

GEOLOGIC REPORT
ON
INLAND FUELS CORP. - FED. #11-1 WELL

1. The Inland Fuels Corporation Federal #11-1 Well was designed and located to offset the Adams oil well in Section 2, T 20S, R 23E, hoping to obtain similar good oil production from the lower sand (Buckhorn) in the Cedar Mountain formation. Considerable detailed geophysical work (magnetics) was accomplished prior to the location of the test well, endeavoring to identify and outline the channel sand found and completed in the Adams well. The geophysical data indicated a channel or anomaly trending southwestward from the Adams well. This channel and anomaly was about 200 feet wide, but was a negative anomaly, instead of positive. This was unusual and highly speculative, since past experience has shown that the positive anomalies are by far the most favorable for oil and gas accumulations. Nevertheless, it was decided to risk a test well in this position due to the apparent close association of the negative anomaly with the Adams well. As noted from the completion data, the results of the well were quite disappointing and probably marginal in nature.

2. The Federal #11-1 well was drilled during Nov. 10 to 15, 1979, and completed in the first part of December, 1979. The well was drilled to a total depth of 2634', which was about 65 feet below the top of the Entrada formation. Only a small amount of gas was obtained during the drilling of the well with air and air-mist. A gas flare of about 8 ft. in length on each connection, for a period of about 5 seconds after the Dakota and Cedar Mt. sands were drilled, was the total flow of gas obtained. This, of course, was quite marginal and normally would not have been sufficient to justify completion work and expense. However, the possibility existed that with some stimulation treatment, the well could become a reasonably productive oil well. It is therefore planned to treat the well with some stimulation method once a low risk process has been tried and developed as a result of work on other wells in the area.

3. The subject well is located on the east flank of the Cisco Springs Anticline and just west of a northeast trending fault. The well is about 30 ft. structurally higher on the top of the Dakota than the Adams well located about 800' to the northwest, and level with the 4-D well located about 1000' to the east.

However, the 4-D well crossed the fault at the base of the Dakota formation and the Buckhorn sand was about 70 feet lower structurally than the subject well.

4. The Dakota formation was topped at 1770' in the subject well and contained one thick sand, 1770' to 1800', at the top. This sand was porous, 17% porosity, and contained a small amount of gas with water. The calculated water saturation from the E-logs was 90%. The formation was about 90 thick in the subject well.

5. The top of the Cedar Mountain formation was reached at 1960'. This formation contained only one sand, the Buckhorn sand at 1930' to 1944'. This sand is tight, cherty, fine-grained to quartzitic, with some conglomerate. The sand has scattered fluorescence and produced a small gas flare (5 ft.) while being drilled. The E-logs suggest a porosity of 13% in this sand and a water saturation of 75% which is marginal. This zone is the only zone now open to production in the well. Several other zones were perforated and tested but have been plugged off with bridge plugs. This zone has tested only about 65 MCF of gas per day on a 1/8" choke with a flow pressure of 166#, and no water. It is felt that later treatment of this well will stimulate production considerably and may result in some oil production, since it appears to be the same zone which is producing large amounts of oil in the Adams well. The Cedar Mt. is about 100' thick in the subject well.

6. The top of the Morrison formation (Brushy Basin member) was found at 1960' in the Fed. #11-1 well. The Brushy Basin section had two sands near the bottom at 2190' to 2208' and at 2218' to 2230'. These sands had some shows when drilled and may have increased the amount of gas observed on connections slightly. The E-logs indicated 18% porosity and 85% water saturation in the upper sand; and about 16% porosity and 70% water saturation in the lower sand. Accordingly, 6 ft. of the lower sand were perforated and tested, resulting in very little gas and an appreciable amount of water. The Brushy Basin section was about 280' thick in this well.

7. The Salt Wash section was topped at 2240' and an uppermost sand at 2250' to 2266' had some shows. The E-logs indicated a porosity of 18% and a water saturation of 57%. Accordingly, this sand was perforated and tested during the completion work. Only water was recovered; so a bridge plug was set, blocking off these perforations. Four other thick sands were penetrated between 2310' and 2450'. The upper sand had some shows when drilled and the E-logs indicated porosities of 18% and 15% in the sands at 2318' to 2340' and 2360' to 2386' respectively. The calculated water saturations were 61% and 68% respectively. Accordingly, these sands were perforated and tested during the completion work; resulting in no gas and a small amount of water. The lower two sands did not have any shows and appeared to have water indicated by the E-logs. The Salt Wash section was about 285 ft. thick in the subject well.

8. Neither the Curtis-Summerville or Entrada formations had any shows of hydrocarbons while being drilled, and did not have any favorable indications on the E-logs. The well was, therefore, plugged back to 2500' with cement, prior to the running of the 4½" production casing.

9. The formations with their tops, thicknesses, and datum points which were encountered in the subject well, as determined from the E-logs, are as follows:

Formation	Depth to Top	Thickness	Datum
Mancos	Surface	1770'	4790' K.B.
Dakota *	1770'	90'	3020'
Cedar Mountain *	1860'	100'	2930'
Morrison (Brushy Basin) *	1960'	280'	2830'
(Salt Wash) *	2240'	285'	2550'
Curtis-Summerville	2525'	45'	2265'
Entrada	2570'	—	2220'
Total Depth	2634'		

*Formations with hydrocarbon shows. A detailed descriptive log of the samples from the subject well is attached.

10. As noted above, the Federal #11-1 well is approximately 30 feet higher structurally than the Frank Adams well located in Sec. 2,

about 800' to the northeast. The Buckhorn sand, however, was much tighter and did not contain the oil production. A small amount of gas, 65 MCF/day, has been obtained, but this is hardly commercial without further treatment. It is, therefore, planned to artificially stimulate this well with a small fracture treatment as soon as the weather and time permit. It is possible that this stimulation could provide some oil production from the well along with the gas. It has been quite definitely proven by this well that the productive sand lenses and channels in the area are very narrow, erratic, and variable in lithology. Likewise, it has been indicated that the negative magnetic anomalies are not very favorable for good hydrocarbon production.

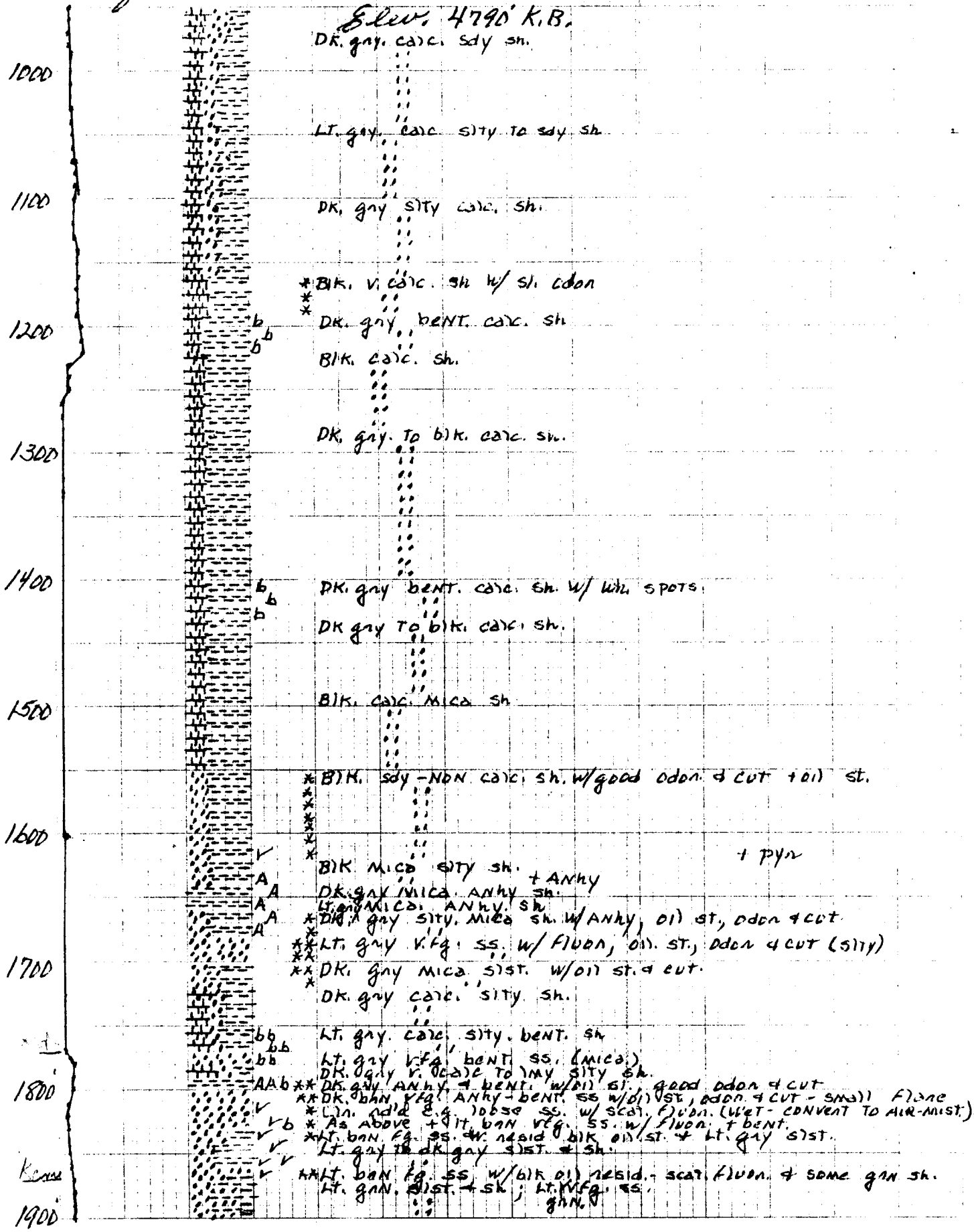
W. Don Quigley

W. Don Quigley
Consultant
Suite 440
57 W. South Temple
Salt Lake City, Utah 84101

J. Land Fuels Corp.

Drlg. Time Min/ft.

Fed #11-1 Well
NE. NE. -11-20S-23E
Elev. 4790' K.B.

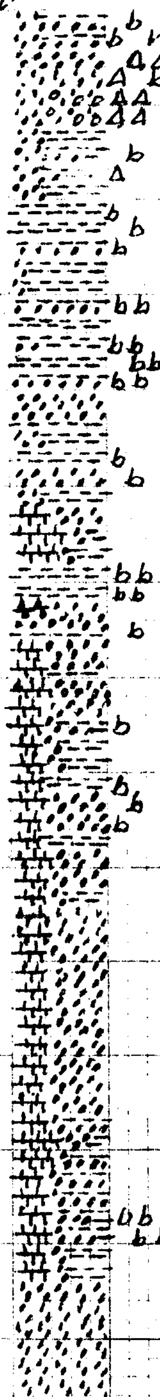


Drlg Time
min/5 ft. 10

Inland Fuels Corp
Fed # 11-1 Smith

1900' —

1900



Lt. grn. slst, sh + vfg. ss. + bent.
*Wh. qtztc to fg. ss w/scat fluor - small flare. - lots of ch. + bent.
*Wh. fg. rd'd to congl. ss w/ lots of ch + ch pebs. + wh. bent.
Rd. sh. + slst. + grn sh + slst. + fg. ss. + bent.
Grn + gray. slst. + sh. + rd. sh. + ch.
Rd, purp + lt. gry sdy sh + slst.

2000

Lt. gray + grn. bent. sh., wh. bent., + rd sh.
Rd bent. sh.
Rd sh. + slst + Pk. bent. + lt. gry vfg. ss
Wh. + PK. bent. + wh. vfg. loose ss.
Rd. sh + slst. + PK. bent.
PK. bent.
Lt. gry bent. sh. + wh. fg. loose ss.

2100

*Wh. vfg. to fg. loose ss - more gas flare on con. + rd. sh
Rd. slst. + sh.
Lt. gry-grn bent. sh
*Lt. gry. bent. fg. loose ss. more gas on con.
Rd sh. + slst
Lt. brn fg. calc. ss.
Varic. sh. + slst + brn lms. + brn sdy lms. + rd. sh

2200

PK. bent. + rd. sh.
*M.g. to f.g. rd'd calc. ss. w/ blk. residual oil spks + PK. bent.
*Mg. wh. sub-rd'd to rd'd calc. ss. w/ PP. fluor - bigger flare on con. + varic. calc. sh.
*Wh. to cln. M.g. ang to rd'd v. calc. ss. w/PP. fluor - bent. + good fluor.
Rd + grn sh. + vfg. calc. ss w/bent. + lms.
Rd + grn slst. + sh. + fg. to vfg. rd sh ang. calc. ss

2300

Rd + grn calc. sh. w/ bent. + lt. gry lms + calcite
*Cln. vfg to fg. loose calc. ss w/ bent. ; scat. fluor.
*Cln. vfg. calc. loose UNCONS. ss w/ bent.
Rd + grn calc. sh.
Cln. vfg. loose calc. ss.
Varic. calc. sh. + slst.
M.g. calc cln. rd'd ss.

2400

Fg. calc cln. ss
F.g. to Mg calc. cln. rd'd ss.
Lt. gry-grn grove. fg. calc. ss + M.g. cln. rd'd calc. ss
Cln. vfg. calc. loose ss - ang
Lt. gry to dk. gry calc. fg. ang. ss - loose
Rd. + grn sh + fg. calc ang. ss.
Dk. gry lms + rd + grn sh

2500

Rd + grn. sh. + gry lms + fg. cln. calc. ang. ss.
Rd. slst. + rd sh. calc. s...
Wh. mica. bent. ; lt + dk gry calc sh + brn lms + dk. gry qtztc ss
Rd. calc. slst + sh.
Wh. to cln. rd'd M.g. non calc. ss.

2600

T.D. 2634'

2700

2800

2900

American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101
(801) 532-6640

AMBRA
OIL AND GAS COMPANY

May 24, 1982

STATE OF UTAH
Department of Natural Resources
& Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

RE: Inland Fuels 11-1A

Please find enclosed copies of the Recompletion Report for the above referenced well.

You should already have received any other information on this well you might require.

If you have any questions, please contact me personally.

Sincerely yours,

AMBRA OIL & GAS COMPANY

Rebecca P. Hunt

Rebecca P. Hunt
Production Clerk

Enclosures

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR
AMBRA OIL & GAS COMPANY

3. ADDRESS OF OPERATOR
47 West 2nd South, Suite 510, SLC, UT 84101

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 320' FNL & 750' FEL NE NE
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Inland Fuels

9. WELL NO.
11-1A

10. FIELD AND POOL, OR WILDCAT
~~Cisco Springs~~ Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 11
T20S, R23E

14. PERMIT NO. 43-019-30555 DATE ISSUED

12. COUNTY OR PARISH Grand

13. STATE Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11-11-79	5-20-82	5-23-82	4780'	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
1927ft			→		

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Cedar Mountain

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	1918.94	

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1932'-1942'	Frac'd with 500 gallons 7½% HCL plus 12,000 gallons gelled (X linked) water; 14,000 lbs. 10/20 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
No prior	flowing	S.I. Testing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/20/82		24/64					

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
280	520 +		0	951/MCFPD		

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Sold

TEST WITNESSED BY
Jim Kirksey

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE PRODUCTION MANAGER DATE 5/24/82

*(See Instructions and Spaces for Additional Data on Reverse Side)

American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101
(801) 532-6640

AMBRA
OIL AND GAS COMPANY

June 25, 1982

STATE OF UTAH
Department of Natural
Resources & Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114
ATTN: KERRY FURSE

RE: Inland Fuels 11-1
Lease No. U-42223

Dear Kerry:

Please find enclosed our Sundry Notice on the above referenced well together with Workover Operations conducted.

If you need any other information, please let me know.

Sincerely,

AMBRA OIL & GAS COMPANY

Rebecca P. Hunt

Rebecca P. Hunt
Production Assistant

Enclosures

Budget Bureau No. 42

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MASTER FILE

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
AMBRA OIL & GAS COMPANY

3. ADDRESS OF OPERATOR
47 West 2nd South, Suite 510, SLC, UT 84101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 750' FEL 320' FNL
AT TOP PROD. INTERVAL: NENE Sec. 11, T20S, R23E
AT TOTAL DEPTH:

5. LEASE DESIGNATION AND SERIAL NO.
U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
INLAND FUELS

9. WELL NO.
11-1

10. FIELD OR WILDCAT NAME
CISCO SPRINGS

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T20S, R23E

12. COUNTY OR PARISH
GRAND

13. STATE
UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4780'GR, 4790' KB

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☒		☒
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9–330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PLEASE SEE ATTACHED WORKOVER OPERATIONS

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rebecca S. Hunt TITLE PRODUCTION ASSIST DATE June 17, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

MASTER FILE

Ambra Oil and Gas Company
Fed 11-1
SEC 11- TWP- 20 S- RGE 23 E
Grand County, Utah

WORKOVER OPERATIONS
5/17/82 through 5/23/82

PRODUCTION ASSOCIATES
Grand Junction, Colorado

Ambra Oil and Gas Company
Fed 11-1

5/17/82 Moved in Fowler Well Service and rigged up pulling unit. Blew down well. (760 SICP; 720 SITP.) Nippled down wellhead and TOH with 63 jts 2 3/8" tbg and one seating nipple. Picked up Halliburton Model RTTS packer on a 4 ft sub with seating nipple on top of sub, TIH on 61 jts 2 3/8" tbg. Set packer at 1875 KB. Moved in 500 bbl frac master and filled.

5/18/82 SITP 610 psi. Blew down well. Installed stripping rubber and nippled up wellhead. Tested annulus to 750 psi. Rigged up NOWSCO Services to well. Acidized well with 500 gal 7 1/2% HCI with surfactant, clay stabilizer and inhibitor. Initial rate 2 BPM @ 710 psi then 3.7 @ 1300 psi. Flushed 5 BPM @ 1550. Shut down to record ISIP. 800 psi. Frac well down 2 3/8" tbg as follows:

Start	Stage	End
9 BPM @ 2260 psi	4000 Gal PAD	9.7 BPM @ 2380
9.6 BPM @ 2520	3000 Gal 1 ppg 10/20	9.1 BPM @ 2590
9.2 BPM @ 2510	3000 Gal 2 ppg 10/20	9.5 BPM @ 2730
9.3 BPM @ 2790	2000 Gal 2 1/2 ppg 10/20	10 BPM @ 2700
10 BPM @ 2790	Flush	9.7 BPM @ 2200

ISIP 1400
5 min 1300
10 min 1200
15 min 1100

All frac fluid 2% KCL base. Now FRAC II crosslinked 40 lb gell with surfactant and clay stabilizer. 130,000 ft^3 N_2 added to treatment. Shut well in for 4 hours.

Opened up for flow back at 15:30. SITP 670 psi. Brought well back through 1/4" choke nipple. Well stabilized at 400 psi through 1/4" choke nipple. Removed 1/4" choke nipple and flowed well through tapped bull plug at end of flow line. FTP 180 psi. Recovered approx. 80 bbl. first 2 hours. Left well flowing to pit overnight.

Ambra Oil and Gas
Fed 11-1

5/19/82 Well flowing this AM with 150 psi, FTP. Put 1/4" choke nipple back in and FTP increased to 220 psi, Good burning flare. Blew well until 1330. Released pkr and start out of hole. Took on strong kick with 16 jts out. Let well flow to pit. Rigged Rainbow Mtn, Mobile Wash hot oil truck to well and pumped 20 bbl, down annulus. TO with 20 more jts, Well kicked again. Pumped 20 more bbl 2% KCL down well. TO with 15 more jts. Well kicked strongly lifting remaining 10 jts 4-6 ft in air and blowing slips out of spider dropping packer and 10 jts tbg down hole. Let well blow for 20 minutes. Nippled up stripping rubber with flowline to pit. TIH with 2 3/8" tbg with well kicking strongly. Blowing same fluid and a large amount of sand. Tagged up on top of fish at 1927. Perfs clear to 1938. Screwed back into tubing. Checked to see if screwed in by setting packer. Packer set okay. TOH with 3 jts with pkr dragging. Shut in tubing and left well flowing to pit overnight out of annulus.

5/20/82 Well blowing strongly this AM. SITP 110 psi. Rigged Halliburton to well. Pumped 55 bbl down annulus and out tbg. Shut down pumps. TOH with 2 3/8" tbg while keeping hole full. Laid down RITS packer and 4 ft pup. 4 ft. pup had hole eaten in it by fluid velocity and sand while across perfs. TIH with 2 3/8" tbg with seating nipple and tubing disc on jt off bottom. Bottom of tbg 1920 KB. Seating nipple at 1889. Nippled up wellhead and dropped bar to break disc. Change out 2" valve on annulus. Well did not come around. Rigged up to swab. Worked through tight spot in tbg at 300 ft. Found fluid at 1000 ft. Disc apparently did not break but had been leaking. Ran sinker bar to bottom and brake disc. Made 5 swab runs for 20 bbl recovery with fluid level holding at 800 ft. Well kicked off. Flowed wide open for 45 minutes. Installed adj. choke. SICP to 450. SITP to 300. Flowed on 1/2" with 160 psi FTP and 350 psi on casing. Pinced down to 24/64 with flowing tubing pressure building to 220 psi and FCP to 450. Left well flowing.

5/21/82 Rigged down Fowler Well Service and moved out, FTP 340 FCP 550.

5/22/82 FTP 315 FCP 540.

5/23/82 FTP 285 FCP 525. Shut well in.

American Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101
(801) 532-6640

AMBRA
OIL AND GAS COMPANY

June 24, 1982

STATE OF UTAH
DEPARTMENT OF NATURAL
RESOURCES & ENERGY
DIVISION OF OIL, GAS & MINING
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

RE: Lease No. U-42223

Please find enclosed Sundry Notices on Inland Fuels Federal 23-1, 23-2 and 11-1 advising of change of operator.

If you have any questions, please do not hesitate to call me personally.

Sincerely yours,

AMBRA OIL & GAS COMPANY

Rebecca P. Hunt

Rebecca P. Hunt
Production Clerk

Enclosures

RECEIVED
JUN 28 1982

DIVISION OF
OIL, GAS & MINING

Form OGC-1b

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: N/A

2. NAME OF OPERATOR: AMBRA OIL & GAS COMPANY

8. FARM OR LEASE NAME: INLAND FUELS FEDERAL

3. ADDRESS OF OPERATOR: 47 West 2nd South, Suite 510, Salt Lake City, Utah 84101

9. WELL NO.: 11-1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NENE Sec. 11, T20S R23E 750' FEL 320' FNL

10. FIELD AND POOL, OR WILDCAT: CISCO SPRINGS

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 11, T20S R23E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4780' GR, 4790' KB

12. COUNTY OR PARISH: GRAND

13. STATE: UTAH

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) CHANGE OF OPERATOR			☐
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PLEASE BE ADVISED THAT THIS LEASE HAS BEEN PURCHASED BY AMBRA OIL & GAS COMPANY FROM THE INLAND FUELS CORPORATION AND AMBRA OIL & GAS COMPANY ARE NOW THE OPERATORS OF THIS WELL.

ALL FIELD PERSONNEL HAVE BEEN NOTIFIED, i.e., BLM, USGS, etc.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE PRODUCTION MANAGER DATE June 24, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Am[illegible] Plaza III
47 West 200 South, Suite 510
Salt Lake City, Utah 84101
(801) 532-6640

AMBRA
OIL AND GAS COMPANY

June 30, 1982

State Of Utah
Department of Natural Resources
& Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

RE: LEVON #1, BROWNDIRT #1, BROWNDIRT #2 Lease No. U-32574
INLAND FUELS 11-1A ✓Lease No. U-42223

Enclosed please find a Sundry Notice on the above referenced wells.

If you have any questions, please contact me personally.

Sincerely yours,

AMBRA OIL & GAS COMPANY

Rebecca P. Hunt

Rebecca P. Hunt
Production Assistant

Enclosures

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
AMBRA OIL AND GAS COMPANY

3. ADDRESS OF OPERATOR
47 West 200 South, S.L.C., Utah 84101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-42223 / U-32574

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO. Inland Fuels 11-1A/ Levon #1/Browndirt #1/Browndirt #2

10. FIELD OR WILDCAT NAME
CISCO SPRINGS

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 11 and Section 14 T 20 S R 23 E

12. COUNTY OR PARISH: GRAND | 13. STATE: UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other) Compression of Gas.			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Ambra Oil & Gas Company plans to install a 120 H.P. compression/collection system to the wells it operates on adjoining leases in Cisco Springs. We plan to connect the Browndirt #1, Browndirt #2 in Section 14 and the Levon #1 and Inland Fuels 11-1 in Section 11 of T 20 S. R 23 E. All wells are metered at the well head and additionally at the compressor tie in (check meter/sales meter). The main 6" sales line crosses the lease we operate (U-32574) and is on the boundary of the other lease we want to tie in (U-42223). All construction would be on lease/or on existing Right-of-Way that we control. Northwest Pipline Company has allowed permission to use their existing facilities (including R.O.W.). We surface lay 3000' of 2" line pipe (welded) if the 11-1 does not qualify for Northwest Pipeline hook-up. At this point we will tie into the Levon's existing 4" line. A second line of 4" will be surface laid from the Levon tie in point due East 1000' to the compressor.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Production Mgr. DATE 6/28/82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/8/82
BY: _____

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR
47 W. 200 S., Suite 510 Salt Lake City, UT 84101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 750' FEL 320' FNL, NE¼ NE¼
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Inland Fuels

9. WELL NO.
Inland Fuels 11-1

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T20S R23E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30555

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4780' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☒ ✓		☐
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Tubing was pulled from this well on January 4, 1983.
Cast iron bridge plug was set at 1650' with 1 sack cement on May 25, 1983.
Plug and abandon marker will be set with 10 sacks cement.

We plan surface restoration work in the fall when we can reseed.
A follow-up report on surface restoration will be submitted.

BLM Approval is required and supersedes acceptance by the State of Utah

~~ACCEPTED~~ APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6/15/83
BY: [signature]

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Linda Conde TITLE Production Manager DATE June 3, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Ambra Oil & Gas Company

3. ADDRESS OF OPERATOR
47 W. 200 S., Suite 510 Salt Lake City, UT 84101

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 750' FEL 320' FNL, NE¼ NE¼
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Inland Fuels

9. WELL NO.
11-1

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 11, T20S-R23E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30555

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4780' GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☒ ✓	☐
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Set cast iron bridge plug at 1650' with 20 sacks cement. This will result in a 250' cement plug from 1650' to 1400'. A 15 sack cement plug will be set in the annulus between the 4½" and 8-5/8" casing. A regulation plug and abandon marker will be set with a 10 sack surface plug.

We plan surface restoration in the fall when we can reseed. A follow-up report on surface restoration will be submitted.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Linda Conde TITLE Production Mgr. DATE August 11, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8-15-83
BY: [signature]

*See Instructions on Reverse Side

RECEIVED
AUG 15 1983
DIV. OF OIL, GAS & MINING

BLM (FEDERAL) APPROVAL is Required & Supersedes Acceptance by the St. of Utah.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-42223

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

1. OIL WELL ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: NA

2. NAME OF OPERATOR: Ambra Oil and Gas Company

8. FARM OR LEASE NAME: Inland Fuels

3. ADDRESS OF OPERATOR: 47 W., 200 S., Suite 510, Salt Lake City, Utah 84101

9. WELL NO.: 11-1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 750' FEL 320' FNL, NENE

10. FIELD AND POOL, OR WILDCAT: Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 11, T 20S, R23E

14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
43-019-30555	4780 GR	Grand	Utah

16. CO MTN Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	XX
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On May 16, 1984 the following plugging procedure took place:

Set cast iron bridge plug at 1650' with 20 sacks cement resulting in a 250' cement plug from 1650' to 1400'. A 15 sack cement plug was set in the annulus between the 4 1/2" and 8 5/8" casing. A regulation plug and abandon marker was set with a 10 sack surface plug.

The well pad was recontoured, anticipate reseeding in November, 1984

18. I hereby certify that the foregoing is true and correct

SIGNED Pam Adamson TITLE Exploration Assistant DATE 8/29/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED ~~APPROVED~~ BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/4/84
BY: John R. Baza

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

September 5, 1984

Ambra Oil & Gas Company
47 West 200 South Suite 510
Salt Lake City, Utah 84101

Gentlemen:

Re: Well No. Inland Fuels 11-1 - Sec. 11 T. 20S., R. 23E.
Grand County, Utah - API #43-019-30555

The above well location was inspected on August 1, 1984 and found to be plugged and abandoned and the site rehabilitated. Our office received a "Sundry Notice" of intent to abandon dated August 11, 1983 on the above referred to well, however, we have not received a "Sundry Notice" of subsequent abandonment.

Rule D-2 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

> Within thirty (30) days after the plugging of any well has been accomplished, the owner or operator thereof shall file a plugging report with the Division. The report shall give a detailed account of the manner in which the plugging work was carried out, including the nature and quantities of materials used in plugging, and the location and extent (by depths) of the plugs of different materials; records of any tests or measurements made and the amount, size and location (by depths) of casing left in the well; and statement of the volume of mud fluid used. If an attempt was made to part any casing, a complete report of the method used and results obtained must be included.

Enclosed is Form OGC-1b, "Sundry Notices and Reports on Wells", for you to complete and return to this office to bring this well into compliance with the above stated rule.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Thank you for your prompt attention to the above matter.

Sincerely,

Claudia L. Jones

Claudia L. Jones
Well Records Specialist

clj

Enclosure

cc D. R. Nielson
R. J. Firth
J. R. Baza
File